FIONA OCHS

FULL-STACK SOFTWARE ENGINEER

fionalochs@gmail.com

Portfolio site

TECH STACK

Databases	Languages
PostgresSQL	Javascript
MySQL	HTML
MongoDB	CSS
Parse	

Back-End	Front-End
Node.js	React
Express	Redux
EJS	Recoil
Parse	Context API

Testing	Tools
Jest	Heroku
QUnit	Netlify
Supertest	Stripe
Enzyme	AWS
	Material UI

Other	
Agile	D3
Rest APIs	Algolia
TDD	Pendo
	Webpack
	XCode

WORK

Live site

DAXKO - SUGARWOD TEAM

SOFTWARE ENGINEER | JAN 2021 - PRESENT

CrossFit programming and social app.

- Use **Parse** for querying, database management, and cloud storage and functionality
- Maintain **MongoDB** and optimize query efficiency
- Payment processing with **Stripe**
- Object storage with **AWS S3**
- Applied analytics with **Pendo** and **Algolia**
- Use **EJS** and **Webpack** to render web app
- Manage and scale **Algolia** data usage

Live site

GABBI

SOFTWARE ENGINEER | MAR - OCT 2020

Digital health platform for women.

- In charge of server **TDD** using **Jest**
- Created and maintained database with **MongoDB**
- Built **React** UI
- Enabled user security to be HIPAA compliant
- Built **API** for breast cancer assessment

PROJECTS

Github   Live site

GOING VIRAL

Interactive data visualizations for changes in global mobility metrics during times of quarantine.

- Back-end built with **Node,** and **Express**
- Data stored in **MongoDB**
- Implemented **TDD** with **Jest**
- Data visualizations built with **D3**
- Built front-end with **React**
- Used **Material UI** for mobile responsiveness

EDUCATION

ALCHEMY CODE LAB | 2020

Software Engineering professional training for building full-stack web applications individually and with teams.

B.S. NEUROBIOLOGY, PHYSIOLOGY AND BEHAVIOR SCIENCE

UNIVERSITY OF CALIFORNIA DAVIS | 2018